

Storm Data and Unusual Weather Phenomena - January 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MICHIGAN, East				
SANILAC (MI-Z055), GENESEE (MI-Z061), LAPEER (MI-Z062), ST. CLAIR (MI-Z063), LIVINGSTON (MI-Z068), OAKLAND (MI-Z069), MACOMB (MI-Z070), WASHTENAW (MI-Z075), WAYNE (MI-Z076), LENAWEЕ (MI-Z082), MONROE (MI-Z083)				
	01/03/07 05:00 EST	0	0	Frost/Freeze
	01/03/07 09:00 EST	0	0	
Perfect conditions came together to cause an unusual deposition of heavy frost to freeze on roads. Temperatures around 30 degrees led to a dangerous buildup of black ice, especially on bridges, overpasses, and in low lying rural areas. Numerous accidents were reported during the morning commute.				
OAKLAND (MI-Z069), MACOMB (MI-Z070), WASHTENAW (MI-Z075), WAYNE (MI-Z076), LENAWEЕ (MI-Z082), MONROE (MI-Z083)				
	01/14/07 07:00 EST	0	0	Winter Weather
	01/14/07 11:00 EST	0	0	
This relatively minor ice event proved to be a precursor to the more significant icing that would take place the following morning. Around a tenth of an inch of ice was reported across the southern counties. A mixture of light freezing rain, sleet, and snow fell along the M59 corridor with up to a tenth of an inch of ice and minor sleet and snow accumulations. Elsewhere in Southeast Michigan, mainly light snow fell with a general 1 to 2 inches. No power outages or tree damages were reported. But with temperatures hovering around 30 degrees, bridges and overpasses froze over and led to numerous car accidents. A portion of I75 was closed for several hours in both directions after a 20 car collision on the slippery Rouge River bridge. Several trauma injuries (indirect) were reported. No fatalities were reported.				
MIDLAND (MI-Z047), BAY (MI-Z048), SAGINAW (MI-Z053), LENAWEЕ (MI-Z082)				
	01/14/07 21:00 EST	0	40K	Winter Weather
	01/15/07 07:00 EST	0	0	
SHIAWASSEE (MI-Z060), GENESEE (MI-Z061), LAPEER (MI-Z062), ST. CLAIR (MI-Z063), LIVINGSTON (MI-Z068), OAKLAND (MI-Z069), MACOMB (MI-Z070), WASHTENAW (MI-Z075), WAYNE (MI-Z076)				
	01/14/07 21:00 EST	0	2M	Ice Storm
	01/15/07 08:00 EST	0	0	
HURON (MI-Z049)				
	01/14/07 23:00 EST	0	0	Heavy Snow
	01/15/07 08:00 EST	0	0	
A strong and developing low pressure system lifted northeast out of the Plains and tracked across northwest Ohio and eventually into upstate New York. Cold arctic air, drawn from the north, clashed with warm moist air from the Gulf to create a favorable setup for all types of winter precipitation across Southeast Michigan. An ice storm ensued from I-69 south to I-94. Widespread ice accumulations of a quarter to a half inch brought down numerous trees, power poles and power lines. Over 150,000 customers were without power at one time during the ice storm. Many were without power for 2 days, and some for over 3 days. Several senior homes lost power and 200 residents had to be evacuated from one of them. Most of the damage and associated power outages occurred between M59 and I94. Although roads were just warm enough to remain mainly wet, patchy slick spots and downed tree debris made traveling very hazardous. Along and just north of the I-69 corridor, a mixture of freezing rain, sleet, and snow fell, where reports confirmed up to 5 inches of snow and one tenth of an inch of ice. Mostly all snow fell across the Tri-Cities and Thumb, where 4 to 6 inches of snow accumulated across portions of these areas. Although many schools were already closed to observe Martin Luther King Jr Day, nearly all of the other schools in Southeast Michigan closed on Monday due to the storm, with the exception of Monroe county schools, where precipitation fell as mostly rain. Over 50 Detroit metro area schools remained closed on Tuesday due to power outages. Numerous car accidents occurred across the affected areas. Several vehicles were destroyed by large trees that fell under the extra weight of the ice and there were at least two incidents of trees falling onto moving vehicles. Most injuries (all indirect) were minor. Total property damage was roughly estimated in excess of \$2M. This included damage to vehicles, homes, businesses, and electrical poles and transformers. Downed power lines also sparked several garage fires. In addition, many businesses in the hardest hit areas reported losses due to the extended power outages.				
HURON (MI-Z049), SANILAC (MI-Z055)				
	01/24/07 21:00 EST	0	0	Lake-Effect Snow
	01/25/07 18:00 EST	0	0	
Bands of intense lake effect snow squalls clobbered the eastern tip of the thumb. The snow showers developed behind a cold front that sent arctic air across the unseasonably warm lake waters. The snow started late on the evening of the 24th when northerly winds pushed the snow showers inland. Trained spotters reported that 6 inches of snow had fallen by 1000 EST on the 25th in Huron County and bv 1400 EST in Sanilac County. Winds qusted to 30 MPH and created near white-out conditions at times. Bv the time the snow ended				

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late that afternoon, up to a foot of snow had fallen.

Harbor Beach (Huron County) 12.0 inches

Forestville (Sanilac County) 10.0 inches

Port Sanilac (Sanilac County) 8.0 inches

HURON (MI-Z049), SANILAC (MI-Z055)

01/28/07 07:30 EST

0 0

Lake-Effect Snow

01/28/07 19:00 EST

0 0

LAPEER (MI-Z062), ST. CLAIR (MI-Z063)

01/28/07 07:30 EST

0 0

Winter Weather

01/28/07 19:00 EST

0 0

Another heavy lake effect snow event impacted the thumb for the second time in only 3 days. The snow started around daybreak when northeast winds combined with a reinforcing shot of arctic air to push bands of heavy snow inland. Spotters were reporting that up to 6 inches had fallen by early afternoon. By the time the snow ended later in the day, as much as 8 inches of snow had fallen over portions of the thumb. A 50 car pile-up occurred on Interstate 69 just south of Lapeer when a heavy lake effect snow shower dumped a quick inch of snow and briefly reduced the visibility to near zero. The accident occurred at 1420 EST and closed a 5 mile stretch of both lanes for several hours. No serious injuries or fatalities were reported but multiple minor injuries were sustained.

Richmondville (Sanilac County) 8.0 inches

Port Sanilac (Sanilac County) 8.0 inches

Kinde (Huron County) 7.5 inches

Harbor Beach (Huron County) 6.0 inches

Port Huron (St Clair County) 5.1 inches